IV. *Obſervationes Aſtronomicæ* Pekini *habitæ à* R. P. Ignatio Kögler Soc. Jeſu Tribun, Math. *in* Sinis *Præſide.* *Ex Epiſtolâ* R. P. Joh. Bapt. Carbone *ad* Iſaacum de Sequeyra Samuda, R. S. S. *&c.*

St. Novo, 1724. H. ′ ″

NOV. 5. Satelles 3us. immerſus eſt in ♃ umbram. - - } 6 9 0 p. m.
Nov. 20. Satelles 2us. prodiit ex umbra ♃ - - - - } 6 44 0 Veſp.
Nov. 30. Sat. 1us. ex ♃ umbra emerſit. 6 14 0 Veſp.
Dec. 23. Emerſio Satell. j. ex umbra ♃. 6 19 0 Veſp.

1725.

Martij die 11. circa hor. 9. matut. ☉ inter tenues nubes allucens, & colorato halone cinctus, in eo ad dexteram & lævam duos parhelios efformabat multùm reſplendentes. Duravit ſpectaculum perſe mihoram.

Maij 10. hor. 4. manè, diſt. Jovis à ✱ ♀ ♒ 9′ 5″. ♃ erat ad occaſum; eſtque diſtantia computanda à centro.
Die 11. eâdem horâ, ♃ jam prætergreſſus ✱ ♀ ab ea diſtabat ad ortum boreum 1′ 10″ ſcil. a centro.
hor. 5, diſtantià centrorum 1′ 36″
Die 12. hor. 4. diſt. ♃ à ✱ ♀ 10′ 10″
Die 13. eadem hor. 19′ 50″

H. ′ ″
Jun. 23. Satelles 3. ſubiit Jovis Umbr. 2 29 0
Julij 9. Sat. 1us. in ♃ Umbram 2 55 30
Aug. 9. Imm. Satell. 1. in ♃ Umbr. 11 27 0 Veſp.

	H.	′	″	
Aug. 31. Satell. 1 & 2us. ♃ in ☌ proxima penè in unum coaleſcebant. Non potuit diſcerni quiſnam prior ♃. ſubin umbram ſubingreſſus ſit, Ille duorum Satellitum in unum coaleſcentium penitus diſparuit - -	11	45	0	
Sept. 19. Emerſ. Sat. 1. ex ♃ Umbra	6	51	30	Veſp.
Oct. 2. Emerſ. Sat. 1. ex ♃ Umbra	10	45		Veſp.
Oct. 10. Idem Satell. 1. emerſit -	12	42		Man.
Oct. 11. Ejuſdem Emerſio - -	7	9		Veſp.
Oct. 15. Satell. 3us. prodiit a tergo Jovis - - -	6	46		Veſp.
Dein diſparuit in Umbr. ♃ -	7	4		
Tandem ex eâdem Umbra emerſit	10	20		
Oct. 19. Satellitis 1. Emerſio -	9	9		Veſp.
Oct. 20. Satel. 2us. emerſit ex ♃ Umbr.	9	6		Veſp.
Oct. 25. Emerſ. 1. Sat. ex ♃ Umbr.	11	6		Veſp.
Oct. 27. Emerſ. 2. Satell. ex Umbr. ♃	11	45	30	Veſp.
Nov. 3. Emerſ. 1. Satell. - -	7	27	40	Veſp.
Nov. 19. Ejuſdem Sat. 1. emerſ. -	5	42	30	Veſp.
Nov. 20. Satell. 3us. cœpit emergere ex ♃ Umbr. - - -	6	26	30	Veſp.

Eclipſis totalis Lunæ, die 22 Octob. ineunte à media nocte.

		H.	′	″
	Initium veræ Umbræ è proximè Nod. - - -	0	49	0
Margo Umbræ attigit	Grimaldum - - -	0	51	0
	Ariſtarchum - - -	0	55	30
	Keplerum - - -		59	0
	Mare Humorum - - -	1	2	0

Gaſſendum

		H.	′	″
Margo Umbræ attigit	Gaſſendum	0	3	0
	Sinum Irid. & Morinum	0	5	0
	Copernicum	0	6	30
	Bullialdum	0	9	30
	Eratoſthenem	0	11	0
	Platonem	0	54	0
	Tychonem	0	59	0
	Aratum, toto Tych. obtecto	0	59	30
	Manilium	0	22	0
	Menelaum	0	24	30
	S. Dionyſium	0	27	0
	Plinium	0	29	0
	Poſſidonium	0	31	0
	S. Catharinam	0	32	0
	S. Theophil & Cenſorin	0	35	30
	Paludem ſomni	0	37	30
	Proclum	0	39	30
	Toclenium, & lit. or. Mar. Criſ.	0	40	0
	Lit. Occid. extremum Mar. Criſ.	0	43	0
	Langrenium	0	44	0
Immerſio totalis propè Nod. Occid.		0	46	30
Receptio 1ª. Lucis ad Nod. Orient.		3	27	30
Emergit Grimaldi Margo Orient.		0	30	30
Emergunt ex Umbrâ	Ejuſdem Margo Occident.	0	31	30
	Galilæus	0	32	30
	Ariſtarchus	0	36	0
	Keplerus	0	39	0
	Litus Orient. Maris Humorum	0	39	30
	Gaſſendus	0	43	0
	Plato	0	49	30
	Timocharis	3	51	0
	Tycho totus	0	54	30

		H.	′	″
Emergunt ex Umbra	Sinus æſtuum totus	0	59	0
	Manilius	4	3	0
	Menelaus	0	6	0
	Poſſidonius, & Endymion	0	9	0
	Plinius	0	10	30
	Cenſorinus	0	15	30
	Palus ſomni	0	16	30
	Litus Or. Maris Criſ.	0	19	0
	Litus Occid. extremum	0	22	0
	Langrenius	0	24	30
	Finis Eclipſis circà	0	26	0
	Nodum Occid.	0	0	0

Horologium correctum per Culminationes Palilicii & aliquot Stellarum Orionis. Diameter Lunæ apparens immediate ante, & poſt Eclipſim dimenſa 32′ 30″ proximè.

V. *Obſervationes aliæ ſelectiores* Ingolſtadii *habitæ Anno* 1726. a Patribus Soc. Jeſu. *Ex eadem Epiſtola.*

	H.	′	″
JAN. 6. Satelles 4 emerſit Teleſc. *Jo. Sephi Campani* ped. 14.	6	40	30
Jan. 19. Mars per vapores tralucens ſtabat ad Lunæ limbum lucidum	6	52	0
Jam erat penitùs immerſus	6	54	0
Centrum Martis emergit è ☾ limbo obſcuro	7	54	25
Totus Mars extra Lunam	7	54	35

Tranſitus